



COMDTINST 5230.49

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COMMANDANT INSTRUCTION 5230.49

Subj: USE OF THE USCG OPERATIONS SYSTEM CENTER (OSC)

Ref: (a) COMDTINST 5230.44, Annual Coast Guard Information Resources Management (IRM) Plan
(b) COMDTINST 5231.2, Planning Approval for Automated Information Systems (AIS)

1. PURPOSE. This Instruction provides information and policy for the operations and maintenance of new or existing information resources management systems at the Coast Guard Operations Systems Center (OSC), Martinsburg, WV.
2. BACKGROUND. The OSC became operational in FY92 as a major initiative to improve and centralize computer and data communications support for all Coast Guard missions. The OSC design specifically allows for growth. Much of the facility infrastructure necessary to support new and relocated information systems is already installed. The OSC not only provides a responsive and robust facility for information systems but, in many cases, it provides it at a much lower cost than creating new facilities or maintaining dispersed, aging ones. In addition, the OSC staff is intimately familiar with systems support issues and can assist system sponsors in developing and implementing support plans.
3. DISCUSSION.
 - a. The OSC's technical infrastructure to support computer and data communications systems include:

- (1) Raised computer floor
- (2) Conditioned power (uninterruptible power supply, emergency generators, and diverse commercial power supplies from two power grids)
- (3) Extensive data and voice communications capacities, including Coast Guard Data Network (CGDN), Defense Data Network (DDN), Automatic Digital Network (AUTODIN), FTS 2000 (voice/data), dedicated service to COMSAT for INMARSAT connectivity, Western Union EasyLink, and dedicated line capabilities
- (4) Heating, ventilation and air conditioning (HVAC)
- (5) Internal networking including connection to external networks
- (6) Security (physical, national security)
- (7) TEMPEST qualified installation criteria where needed
- (8) Office space
- (9) Twenty-four hours a day operations/365 days per year
- (10) Operations and maintenance (O&M) support contract currently in place; a new fully competitive, flexible O&M contract will be awarded in FY95
- (11) On-site contracting officer (KO)
- (12) Contracting Officer's Technical Representative (COTR) for the AFCAC 300 super minicomputer contract

In addition, the OSC will develop centralized disaster recovery plans.

- b. Facilities and support costs are an integral part of the life cycle cost of any system, as discussed in references (a) and (b). Over many years, support costs may become one of the largest portions of life cycle costs. Since the OSC deals with system support issues daily, including contracting, the OSC staff is uniquely capable of advising system sponsors about planning for the long term operation and maintenance of their systems. Responsibility for contracting support for computer and data communications systems rests with the Office of Acquisition (G-A) while procurement policy direction is provided by the Procurement Management Division (G-CPM). Delegation of Procurement Authority (DPA) issues are processed by the Strategic Planning and Architecture Staff (G-TA). OSC can provide advice which will enable system sponsors to better define their requirements and help coordinate those requirements with G-A, G-CPM, and G-TA.
- c. Not all systems will be appropriate for O&M support by the OSC. Each system must be considered on an individual basis. In planning for system life cycle support, the OSC shall be considered the primary operating facility unless another alternative has a greater cost/benefit ratio. The following is a sample list of the issues that must be considered:

- (1) Costs of constructing a new or renovating an existing data center
- (2) Long term facility costs (lease, electrical power, security, etc., including TEMPEST if a system or components of a system are classified, etc.)
- (3) Data communications costs (installation of data communications capabilities, managing local and wide area network connectivity, etc.)
- (4) Administrative costs
- (5) Contracting issues

4. POLICY.

- a. System Sponsors (Headquarters Program Managers, Area/MLC/District Commanders, Commanding Officers of Headquarters Units) shall locate computer and data communications systems at the OSC unless cost/benefit analysis indicates this is not cost effective. Such analysis to include life cycle planning, the Automated Information System (AIS) Notification and Proposal required by reference (b), and the cost/benefit factors. No expenditure for new or renovated data centers can be made until this analysis is completed and approved by Commandant (G-T).
- b. Commandant (G-T) will ensure all Information Resources Management (IRM) Planning, AIS Notifications and Proposals consider use of the OSC and are properly evaluated and approved as a part of the AIS planning process.
- c. Commanding Officer, Operations Systems Center will assist application system sponsors and Commandant (G-T) in evaluating the appropriateness of using the OSC for sponsors' systems.

5. ACTION. Area and District commanders, Commanders of Maintenance and Logistics commands, Commanding Officers of Headquarters units, and chiefs of offices and special staff divisions at Headquarters shall comply with the contents of this instruction.

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and Communications